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Current Measurement, Proceedings of the 1982 IEEE Second Working Conference on,  
Volume: 2, Jan 1982  
Page(s): 9 -18

[Abstract] [PDF Full-Text (1128 KB)] **IEEE CNF**

2 **Digital connectedness via connectivity graph**  
*Chiavetta, F.; Di Gesu, V.;*  
Pattern Recognition, 1992. Vol.III. Conference C: Image, Speech and Signal Analysis, Proceedings., 11th IAPR International Conference on, 30 Aug.-3 Sept. 1992  
Page(s): 646 -649

[Abstract] [PDF Full-Text (276 KB)] **IEEE CNF**

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*Rosin, P.;*

Computer Vision, 1998. Sixth International Conference on , 4-7 Jan. 1998  
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---

[Abstract] [PDF Full-Text (680 KB)] **IEEE CNF**

---

**4 Recognition of handprinted Thai characters using the cavity features of character based on neural network**

*Phokharatkul, P.; Kimpan, C.;*  
Circuits and Systems, 1998. IEEE APCCAS 1998. The 1998 IEEE Asia-Pacific Conference on , 24-27 Nov. 1998  
Page(s): 149 -152

---

[Abstract] [PDF Full-Text (292 KB)] **IEEE CNF**

---

**5 Cuts, trees and  $l_1$ -embeddings of graphs**

*Gupta, A.; Newman, I.; Rabinovich, Y.; Sinclair, A.;*  
Foundations of Computer Science, 1999. 40th Annual Symposium on , 17-19 Oct. 1999  
Page(s): 399 -408

---

[Abstract] [PDF Full-Text (188 KB)] **IEEE CNF**

---

**6 A fast algorithm for computing the Euler number of an image and its VLSI implementation**

*Dey, S.; Bhattacharya, B.B.; Kundu, M.K.; Acharya, T.;*  
VLSI Design, 2000. Thirteenth International Conference on , 3-7 Jan. 2000  
Page(s): 330 -335

---

[Abstract] [PDF Full-Text (224 KB)] **IEEE CNF**

---

**7 The Euler feature vector**

*Stavrianopoulou, A.; Anastassopoulos, V.;*  
Pattern Recognition, 2000. Proceedings. 15th International Conference on , Volume: 3 , 3-7 Sept. 2000  
Page(s): 1022 -1024 vol.3

---

[Abstract] [PDF Full-Text (180 KB)] **IEEE CNF**

---

**8 On-chip computation of Euler number of a binary image for efficient database search**

*Bishnu, A.; Bhattacharya, B.B.; Kundu, M.K.; Murthy, C.A.; Acharya, T.;*  
Image Processing, 2001. Proceedings. 2001 International Conference on , Volume: 3 ,  
7-10 Oct. 2001  
Page(s): 310 -313 vol.3

---

[Abstract] [PDF Full-Text (304 KB)] **IEEE CNF**

---

**9 A novel morphological operator to calculate Euler number**

*Zhao Zhang; Moss, R.H.; Stoecker, W.V.;*  
Medical Imaging and Augmented Reality, 2001. Proceedings. International Workshop  
on , 10-12 June 2001  
Page(s): 226 -228

---

[Abstract] [PDF Full-Text (140 KB)] **IEEE CNF**

---

**10 Space-time constellation-rotating codes maximizing diversity and coding gains**

*Xin, Y.; Wang, Z.; Giannakis, G.B.;*  
Global Telecommunications Conference, 2001. GLOBECOM '01. IEEE , Volume: 1 ,  
25-29 Nov. 2001  
Page(s): 455 -459 vol.1

---

[Abstract] [PDF Full-Text (166 KB)] **IEEE CNF**

---

**11 Content based image retrieval: related issues using Euler vector**

*Bishnu, A.; Bhunre, P.K.; Bhattacharya, B.B.; Kundu, M.K.; Murthy, C.A.; Acharya, T.;*  
Image Processing, 2002. Proceedings. 2002 International Conference on , Volume: 2 ,  
22-25 Sept. 2002  
Page(s): II-585 -II-588 vol.2

---

[Abstract] [PDF Full-Text (480 KB)] **IEEE CNF**

---

**12 Threaded linear hierarchical quadtrees for computation of geometric properties of binary images**  
*Unnikrishnan, A.; Shankar, P.; Venkatesh, Y.V.;*  
Software Engineering, IEEE Transactions on , Volume: 14 Issue: 5 , May 1988  
Page(s): 659 -665

---

[Abstract] [PDF Full-Text (600 KB)] **IEEE JNL**

---

**13 Run-based algorithms for binary image analysis and processing**  
*Di Zenzo, S.; Cinque, L.; Leviadi, S.;*  
Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 18 Issue: 1  
, Jan. 1996  
Page(s): 83 -89

---

[Abstract] [PDF Full-Text (716 KB)] **IEEE JNL**

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